

This listing of claims will replace all prior versions, and listings, of claims in the application:

5453041  
Claim 1 (Currently amended): A sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising:

a ~~cylindrical~~ body having a rotational axis, an outer cylindrical surface about said rotational axis, and a pair of opposite ends bounding said outer cylindrical surface; and

a plurality of teeth formed on said outer cylindrical surface for engaging said grinding surface of said pulpstone, each of said plurality of teeth having a pair of opposite sides connected by a rounded tip portion;

wherein each of said plurality of teeth traverses an axial distance substantially equal to an axial distance between said pair of opposite ends bounding said outer cylindrical surface.

Claim 2 (original): The sharpening burr according to claim 1, wherein each of said pair of opposite sides is linear in profile.

Claims 3-24 (Withdrawn)

Claim 25 (Original): In a sharpening burr for dressing the grinding surface of a pulpstone, said sharpening burr comprising a cylindrical body having an outer surface and an axis of rotation, and a plurality of teeth formed on said outer surface for engaging said grinding surface of said pulpstone, the improvement comprising:

each of said plurality of teeth having a lead angle relative to said axis of rotation that varies with axial position along said cylindrical body.

Claim 26 (Original): The improvement according to claim 25, wherein said variation in said lead angle is a periodic variation.

Claim 27 (Original): The sharpening burr according to claim 26, wherein said variation in said lead angle is a sinusoidal variation.